This form differs from the typical form of the species in having its flower-heads almost completely ligulate, existing in numerous horticultural races.

The type of the form was collected by me (no. 6466) in outdoor cultivation at Watchung, Somerset County, New Jersey, on September 20, 1931, and is deposited in the Britton Herbarium at the New York Botanical Garden.

- - - - - - - - -

THE KNOWN GEOGRAPHIC DISTRIBUTION OF THE MEMBERS OF THE VERBENACEAE, AVICENNIACEAE, STILBACEAE, SYMPHOREMACEAE, AND ERIOCAULACEAE. SUPPLEMENT 12

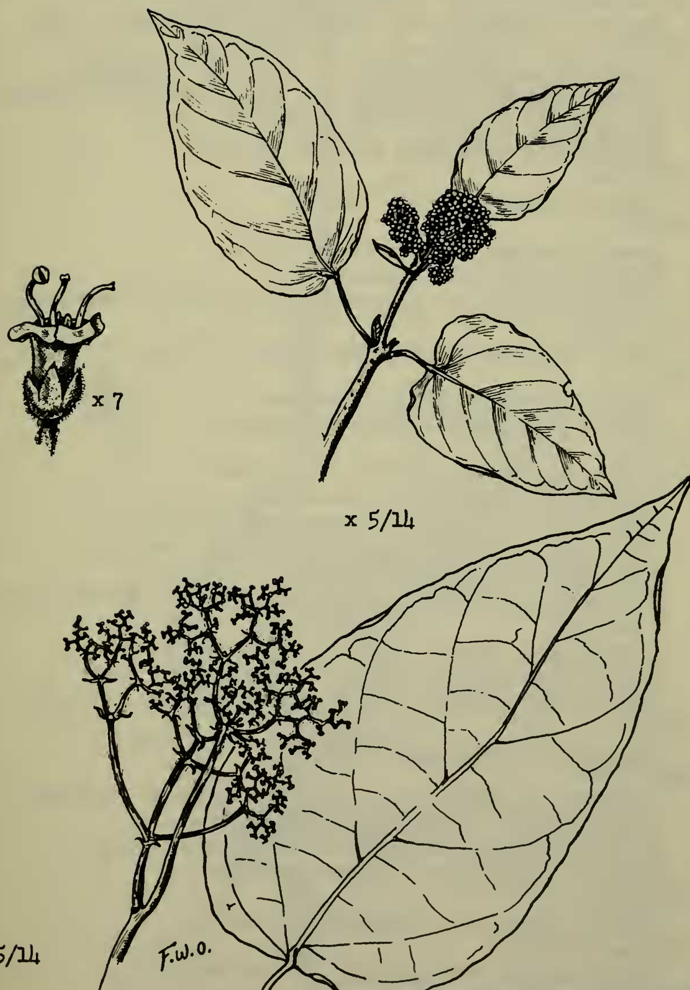
Harold N. Moldenke

Continued work on herbarium material of these groups sent to me by collectors and curators has brought to light 36 new country records, 118 new island records, 78 new state or province records, and 2 new county or parish records, as well as numerous corrections of previously published records. Specimens on which these records are based are deposited in the Botanisk Museum, University of Lund (Sweden), Estacion Experimental Agronomica, Santiago de las Vegas (Cuba), Botanisch Museum en Herbarium, Utrecht (Netherlands), Melbourne Botanic Gardens, Melbourne (Victoria), Transvaal Museum, Pretoria (South Africa), Rijksherbarium, Leiden (Netherlands), Herbarium Bogoriense, Buitenzorg (Java), National Herbarium, Pretoria (South Africa), Britton Herbarium, New York Botanical Garden (New York), United States National Herbarium, Washington, and my personal herbarium.

UNITED STATES OF AMERICA:
- Georgia:
  - Stylodon carneus (Medic.) Moldenke [Chatham County]
- Louisiana:
  - Verbena bipinnatifida Nutt. [East Feliciana Parish]

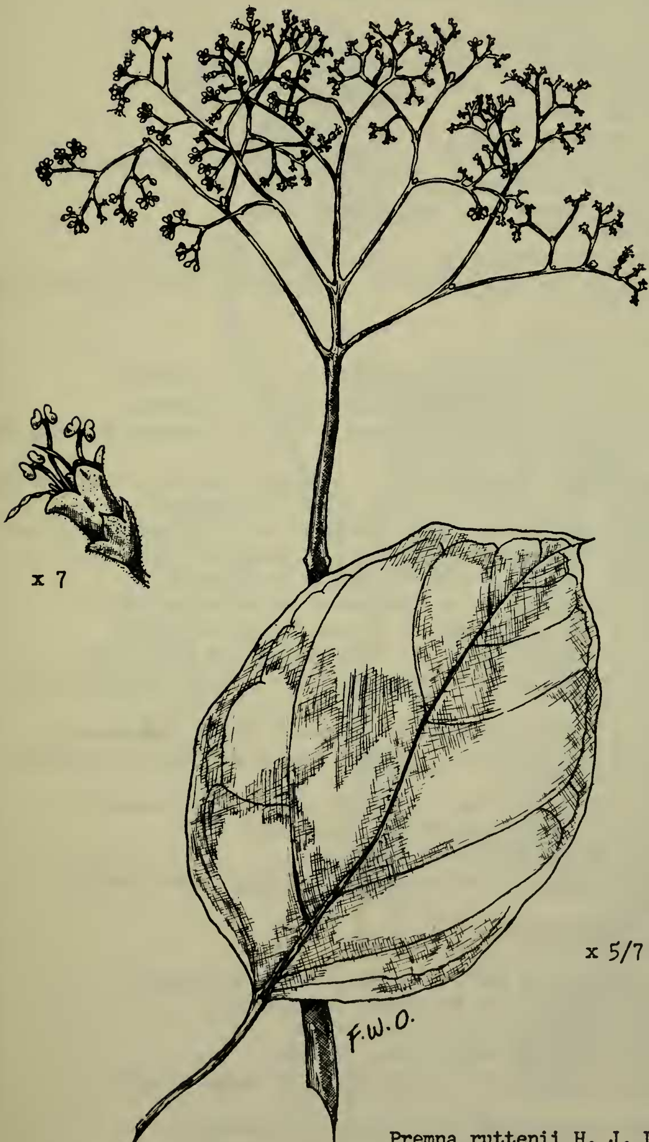
MEXICO:
- Clerodendrum bungei Steud. [Puebla]
- Lantana glandulosissima Hayek [Guanajuato]
- Phyla nodiflora var. rosea (D. Don) Moldenke [México]
- Verbena bipinnatifida Nutt. [México]
- Verbena elegans H.B.K. [Puebla]

HONDURAS:
- Priva lappulacea (L.) Pers. [Morazán]
- Stachytarpheta frantzii Polak. [Olancho]
- Bouchea prismatica var. longirostra Grenz. [Morazán]
- Lantana hirta Grah. [Intibucá]
- Lantana velutina Mart. & Gal. [Morazán]



Premna parviflora H. J. Lam

EL SALVADOR:
Citharexylum donnell-smithii Greenm. [La Libertad]
TABOGA ISLAND:
Lantana glandulosissima Hayek
BAHAMAS:
Avicennia nitida Jacq. [Easter]
Phyla nodiflora var. reptans (H.B.K.) Moldenke [South Bimini]
ST. THOMAS:
Lantana involucrata var. odorata (L.) Moldenke
COLOMBIA:
Paepalanthus moldenkeanus R. E. Schultes [Vaupés]*
Paepalanthus polytrichoides var. glaber Moldenke [Vaupés]*
Paepalanthus saxicola Körn. [Amazonas]
Paepalanthus williamsii Moldenke [Vaupés]
VENEZUELA:
Verbena litoralis H.B.K. [Sucre]
ECUADOR:
Duranta mandoni Moldenke [Imbabura]
Lantana fucata Lindl. [Manabi]
Lantana trifolia f. oppositifolia Moldenke [Napo-Pastaza]
PUNA ISLAND:
Lippia americana f. hyptoides (Benth.) Moldenke
PERU:
Lippia ferruginea H.B.K. [Amazonas]
Verbena hayekii Moldenke [Huancavelica]
BRAZIL:
Eriocaulon guyanensis Körn. [Rio Branco]
Lantana cujabensis Schau. [Amazonas]
Paepalanthus barbulatus Herzog [Minas Geraes]
Paepalanthus camptophyllus Ruhl. [Rio de Janeiro]
Paepalanthus exiguus (Bong.) Körn. [Amazonas]
Paepalanthus hilairei var. maximiliani Ruhl. [Federal District]
Paepalanthus saxicola Körn. -- delete the asterisk
Syngonanthus anomalus (Körn.) Ruhl. [Amapá & Pará]
Syngonanthus gracilis var. koernickeanus Ruhl. [Guaporé]
BOLIVIA:
Syngonanthus caulescens (Poir.) Ruhl. [El Beni]
ARGENTINA:
Clerodendrum fragrans var. pleniflorum Schau. [Misiones]
Lantana fucata f. albiflora Moldenke [Tucumán]
Lantana junelliana Moldenke [Santiago del Estero]
Verbena cheitmaniana Moldenke [Catamarca]
ABYSSINIA:
Lantana rugosa var. tomentosa Moldenke
SPANISH GUINEA:
Lantana camara var. aculeata (L.) Moldenke
ZANZIBAR:
Premna zanzibarensis Vatke*



Premna ruttenii H. J. Lam

ANGOLA:
Lantana subtracta Hiern [Benguela]
NORTHERN RHODESIA:
Lippia whytei Moldenke
BRITISH NYASALAND PROTECTORATE:
Lantana mearnsii var. congolensis Moldenke
PORTUGUESE EAST AFRICA:
Clerodendrum glabrum E. Mey. [Gazaland]
Lantana mearnsii var. congolensis Moldenke [Mozambique]
BECHUANALAND PROTECTORATE:
Lantana rugosa var. tomentosa Moldenke
SWAZILAND:
Clerodendrum pearsoni Moldenke is to be deleted
Clerodendrum triphyllum var. ciliatum (H. H. W. Pearson) Moldenke
Lippia rehmanni H. H. W. Pearson
UNION OF SOUTH AFRICA:
Clerodendrum africanum Moldenke is to be deleted
Clerodendrum pearsoni Moldenke is to be deleted
Clerodendrum triphyllum (Harv.) H. H. W. Pearson [Orange Free State]
Clerodendrum triphyllum var. ciliatum (H. H. W. Pearson) Moldenke [Cape of Good Hope, Natal, & Transvaal]
Duranta repens var. alba (Masters) L. H. Bailey [Transvaal]
Lantana camara var. aculeata (L.) Moldenke [Transvaal]
Lantana dinteri Moldenke [Cape of Good Hope]
Lippia bazeiana H. H. W. Pearson is to be deleted
Lippia pedunculata H. H. W. Pearson [Transvaal]*
Lippia rehmanni H. H. W. Pearson [Cape of Good Hope]
Phyla nodiflora var. rosea (D. Don) Moldenke [Orange Free State]
Premna mooiensis (H. H. W. Pearson) Pieper [Transvaal]
Premna mooiensis var. rudolphi (H. H. W. Pearson) Moldenke [Transvaal]
Priva cordifolia var. australis Moldenke [Transvaal]
Verbena brasiliensis Vell. [Transvaal]
Vitex amboniensis Gürke [Natal]
Vitex rehmanni f. subtomentosa Moldenke [Transvaal]*
REUNION:
Duranta repens L.
INDIA:
Premna barbata Wall. [Sikkim, Siwalik & Jaunsar]
Premna coriacea C. B. Clarke [Coimbatore]
Premna pinguis C. B. Clarke [Assam]
Premna racemosa Wall. [Khasi States]
Premna racemosa var. sikkimensis Moldenke [Sikkim]*
BURMA:
Premna bengalensis C. B. Clarke [Tenasserim]
CHINA:



Premna tateana F. M. Bailey

Premna bodinieri Lévl. is to be deleted
Premna tomentosa Willd. [Kwangtung]

FORMOSA:
Callicarpa oshimensis Hayata -- delete the asterisk

FRENCH INDO-CHINA:
Premna racemosa Wall. [Tonkin]

THAILAND:
Premna bengalensis C. B. Clarke

FEDERATED MALAY STATES:
Geunsia farinosa Blume [Johore & Selangor]
Premna cordifolia Roxb. [Kedah]
Premna sterculifolia King & Gamble -- delete the asterisk
Premna sterculifolia var. cordata King & Gamble -- add asterisk
Premna tomentosa Willd. [Negri Sembilan, Pahang, & Perak]

LIUKIU ISLANDS:
Callicarpa glabra Koidz. [Iriomote]
Callicarpa japonica Thunb. [Okinawa]
Callicarpa japonica var. luxurians Rehd. [Iriomote]
Callicarpa oshimensis Hayata [Amani-oshima & Iriomote]
Clerodendrum inerme (L.) Gaertn. [Iriomote]
Clerodendrum japonicum (Thunb.) Sweet [Okinawa]
Clerodendrum lindleyi Decaisne [Okinawa]
Duranta repens L. [Okinawa]
Premna microphylla Turcz. [Amani-oshima]
Vitex trifolia var. heterophylla (Mak.) Moldenke [Okinawa]

PHILIPPINE ISLANDS:
Callicarpa apoënsis Elm. is to be deleted
Callicarpa pachyclada Quisumb. & Merr. [Bohol & Jolo]
Callicarpa paloënsis Elm. is to be deleted
Callicarpa surigaensis Merr. [Dinagat]
Geunsia apoënsis (Elm.) Moldenke [Mindanao]
Geunsia cumingiana var. dentata (Bakh.) Moldenke [Mindanao]
Geunsia hexandra (Teijsm. & Binn.) Koord. [Mindanao]
Geunsia hookeri Merr.*
Geunsia paloënsis (Elm.) H. J. Lam [Balabac, Leyte, & Luzon]
Geunsia pentandra (Roxb.) Merr. [Bohol & Jolo]
Geunsia ramosi Moldenke [Luzon]*
Premna adenosticta Schau. -- delete the asterisk
Premna cumingiana Schau. [Coron]
Premna cumingiana f. dentata Moldenke [Luzon]*
Premna cumingiana var. glabrescens Moldenke [Basilan & Mindanao]
Premna depauperata Merr. [Busuanga]
Premna depauperata var. serrulata Moldenke [Culion]*
Premna nauseosa Blanco -- delete the asterisk
Premna subscandens Merr. [Mindanao]
Premna subscandens var. minutiflora Moldenke [Luzon]*

SIMALUR ISLAND:
- Geunsia farinosa Blume
- Premna sterculifolia King & Gamble
- Premna tomentosa Willd.

SUMATRA:
- Geunsia cumingiana var. dentata (Bakh.) Moldenke
- Geunsia grandiflora H. Hallier
- Geunsia hexandra (Teijsm. & Binn.) Koord.
- Premna flavida Miq. is to be deleted
- Premna nauseosa Blanco
- Premna oblongifolia var. subglabra (H. J. Lam) Moldenke
- Premna parasitica Blume
- Premna tomentosa f. crenulata Koord. & Val.

MADURA ISLAND:
- Premna timoriana Decaisne

MANTAWI ISLANDS:
- Premna tomentosa Willd. [Sipora]

JAVA:
- Geunsia cumingiana var. dentata (Bakh.) Moldenke
- Geunsia hexandra (Teijsm. & Binn.) Koord.
- Premna nauseosa Blanco
- Premna oblongifolia Merr.
- Premna oblongifolia var. subglabra (H. J. Lam) Moldenke
- Premna oswaldi Moldenke*
- Premna sterculifolia var. bakhuizeni Moldenke*
- Premna timoriana Decaisne
- Premna tomentosa f. crenulata Koord. & Val.

CHRISTMAS ISLAND:
- Premna flavescens var. rubens C. B. Clarke is to be deleted
- Premna nauseosa Blanco

BRITISH NORTH BORNEO:
- Callicarpa clemensorum Moldenke*
- Geunsia furfuracea (Bakh.) Moldenke
- Premna oblongifolia Merr.
- Premna oblongifolia var. clemensorum Moldenke*

SARAWAK:
- Geunsia furfuracea (Bakh.) Moldenke
- Geunsia serrulata H. Hallier
- Premna kunstleri King & Gamble

BORNEO:
- Geunsia apoënsis (Elm.) Moldenke
- Geunsia homoeophylla H. Hallier -- delete the asterisk
- Geunsia quaternifolia H. Hallier -- delete the asterisk
- Geunsia serrulata H. Hallier -- delete the asterisk
- Premna oblongifolia var. subglabra (H. J. Lam) Moldenke

CELEBES:
- Callicarpa apoënsis Elm. is to be deleted
- Callicarpa pachyclada Quisumb. & Merr.

Callicarpa paloënsis Elm. is to be deleted
Geunsia acuminatissima (Teijsm. & Binn.) Koord.
Geunsia apoënsis (Elm.) Moldenke
Geunsia cinnamomea H. Hallier -- delete the asterisk
Geunsia grandiflora H. Hallier -- delete the asterisk
Geunsia hexandra (Teijsm. & Binn.) Koord. -- delete the asterisk
Geunsia hexandra f. serrulata Moldenke*
Geunsia homoeophylla H. Hallier
Geunsia paloënsis (Elm.) H. J. Lam
Geunsia paloënsis var. celebica (Koord.) Moldenke
Geunsia paloënsis var. serrata Moldenke*
Geunsia quaternifolia H. Hallier
Premna cumingiana var. glabrescens Moldenke
Premna depauperata var. oswaldiana Moldenke*
Premna nauseosa Blanco
Premna rotundifolia Koord. & Val.
Premna sterculifolia King & Gamble
Premna sterculifolia var. cordata King & Gamble is to be deleted

MOENA:
Premna adenosticta Schau.

KABAENA ISLAND:
Geunsia cinnamomea H. Hallier
Geunsia hexandra (Teijsm. & Binn.) Koord.

KANGEAN ARCHIPELAGO:
Premna nauseosa Blanco [Kangean]
Premna tomentosa Willd. [Kangean]

LESSER SUNDA ISLANDS:
Geunsia farinosa Blume [Buton]
Geunsia hexandra (Teijsm. & Binn.) Koord. [Buton]
Premna nauseosa Blanco [Soemba & Timor]
Premna parasitica var. hatusimae Moldenke [Bali]*
Premna timoriana Decaisne [Bali]
Premna tomentosa Willd. [Soemba]
Premna tomentosa f. crenulata Koord. & Val. [Timor]

MOLUCCA ISLANDS:
Geunsia cumingiana (Schau.) Rolfe [Mangoli & Taliaboe]
Geunsia farinosa Blume [Ceram, Halmahera, & Soelabesi]
Geunsia hexandra (Teijsm. & Binn.) Koord. [Amboina, Halmahera, & Sanana]
Geunsia pentandra (Roxb.) Merr. [Ceram & Ternate]
Premna populifolia Miq. [Buru]

NEW GUINEA:
Geunsia acuminatissima (Teijsm. & Binn.) Koord. [Schouten Island]
Geunsia farinosa Blume [Dutch New Guinea]
Premna acuminata R. Br. [Papua]

Premna nitida K. Schum. [Northeastern New Guinea & Papua]
BISMARK ARCHIPELAGO:
Geunsia furfuracea (Bakh.) Moldenke [New Britain]
SOLOMON ISLANDS:
Geunsia pentandra (Roxb.) Merr. [Bougainville & San Cristoval]
Geunsia pentandra var. albidella Moldenke [Guadalcanal & Malaita]*
SAMOAN ISLANDS:
Premna taitensis var. marchionica F. H. Br. [Savaii, Tau, & Upolu]
Premna taitensis var. rimatarensis F. H. Br. [Savaii]
AUSTRALIA:
Premna dallachyana Benth. [Queensland]
Premna tateana F. M. Bailey [Queensland]*
CULTIVATED:
Aloysia triphylla (L'Hér.) Britton [Transvaal]
Callicarpa japonica Thunb. [Cuba]
Clerodendrum fuscum Gürke [Belgian Congo]
Clerodendrum ligustrinum var. nicaraguense Moldenke [Honduras]
Duranta repens var. alba (Masters) L. H. Bailey [Okinawa]
Geunsia hexandra (Teijsm. & Binn.) Koord. [Java]
Geunsia hexandra f. serrulata Moldenke [Java]
Geunsia pentandra (Roxb.) Merr. [Java]
Lantana camara var. aculeata (L.) Moldenke [Trinidad]
Lantana montevidensis (Spreng.) Briq. [Transvaal]
Lantana rugosa Thunb. [Sweden]
Phyla nodiflora (L.) Greene [Sweden]
Premna acuminata R. Br. [Java]
Premna nitida K. Schum. [Java]
Premna oblongifolia var. subglabra (H. J. Lam) Moldenke [Java]
Premna pinguis C. B. Clarke [India]
Premna timoriana Decaisne [Java]

- - - - - - - -

ADDITIONAL NOTES ON THE GENUS PRIVA. I

Harold N. Moldenke

PRIVA Adans.

Synonymy: Blairia Houst. ex L., Gen. Pl., ed. 1, 334, in syn. (1737); Adans., Fam. Pl. 2: 12 & 198. 1763; Gaertn., Fruct. & Sem. Pl. 1: 265, pl. 56, fig. 1, in part. 1788 [not Blairia Gled., 1751, nor Blaeria L., 1737]. Burseria Loefl., Iter Hisp. 194. 1758 [not Burseria Jacq., 1763]. Scorodonia Sloane ex Adans., Fam. Pl. 2: 505, in syn. 1763. Verbena Dill. ex Adans., Fam. Pl. 2: 198, in syn. 1763 [not Verbena L., 1753]. Phryma